

Listing of Claims

1. (Currently Amended) A language processing device comprising:

a processing and memory module (i) which is physically attachable to and detachable from mobile electronic device an-appliance, (ii)-which wherein said processing and memory module is configured to communicate directly with the mobile electronic device appliance when so attached without the use of a network which extends outside the mobile electronic device appliance, wherein said processing and memory module is configured with a plurality of discrete memory locations comprising each of:

a settings memory containing data representing operational parameters including each of:

a language setting comprising one or more language selected by the user of said language processing device; and

an input mode setting comprising one or more input mode selected by the user of said language processing device; and

an input buffer containing data representing key strokes used in specifying a message unit;

a candidate buffer configured for storing candidate interpretations of user input gestures;

a word buffer configured for storing message units specified by said user;

a component buffer configured for storing data components of message units;

an input interpretation database containing input gesture data; and

a font store containing data representing properly represented characters;

and wherein said processing and memory module (iii) which is configured to perform language-specific tasks at the request of the appliance by:

receiving an instruction for language-specific processing from the appliance in the form of an application program interface (API) call, wherein said API call references said plurality of discrete memory locations; and

sending resulting data of the language-specific processing to the appliance.

2. (Currently Amended) The language processing device ~~and memory module~~ of Claim 1 wherein the language processing and memory module is configured to perform language-specific tasks according to a subject language at the requests of the mobile electronic device appliance by also:

receiving data representing a character in the subject language; and

sending data specifying a graphical representation of the character to the mobile electronic device appliance.

3. (Currently Amended) The language processing device and ~~memory module~~ of Claim 1 wherein the language processing and memory module is configured to perform language-specific tasks according to a subject language at the request of the mobile electronic device appliance by also:

receiving data representing a user input gesture; and

sending data representing one or more language units of the subject language in accordance with the user input gesture.

4. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein the language units are characters.

5. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein the language units are words.

6. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein the language units are phrases.

7. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein sending comprises:

selecting the one or more language units according to one or more preceding language units which were previously specified by the user.

8. (Currently Amended) The language processing device and ~~memory module~~ of Claim 7 wherein selecting comprises:

determining word-continuation relationships between the preceding language units and the one or more language units.

9. (Currently Amended) The language processing device and ~~memory module~~ of Claim 7 wherein selecting comprises:

determining name-continuation relationships between the preceding language units and the one or more language units.

10. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein the language processing and memory module is configured to perform language-specific tasks according to the subject language at the request of the mobile electronic device ~~appliance~~ by also:

sending data representing one or more language unit components which are of the subject language and which correspond to the user input gesture.